RAW SEQUENCE LISTING DATE: 06/02/2003
PATENT APPLICATION: **US/09/827,854A** TIME: 08:28:08

Input Set : **A:\07180.004003.SEQLIST.TXT**
Output Set: **N:\CRF4\06022003\I827854A.raw**


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 4 <110> APPLICANT: Zannis, Vassilis
 5       Kypreos, Kyriakos E.
 7 <120> TITLE OF INVENTION: Compounds and methods for lowering
 8       cholesterol levels without inducing hypertriglyceridemia
11 <130> FILE REFERENCE: 07180/004003
13 <140> CURRENT APPLICATION NUMBER: US 09/827,854A
14 <141> CURRENT FILING DATE: 2001-04-05
16 <150> PRIOR APPLICATION NUMBER: US 09/679,088
17 <151> PRIOR FILING DATE: 2000-10-04
19 <150> PRIOR APPLICATION NUMBER: US 09/544,386
20 <151> PRIOR FILING DATE: 2000-04-06
22 <160> NUMBER OF SEQ ID NOS: 29
24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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28 <212> TYPE: PRT
29 <213> ORGANISM: Homo sapiens
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33  1               5                  10                  15
34 Gln Thr Glu Trp Gln Ser Gly Gln Arg Trp Glu Leu Ala Leu Gly Arg
35             20                  25                  30
36 Phe Trp Asp Tyr Leu Arg Trp Val Gln Thr Leu Ser Glu Gln Val Gln
37         35                  40                  45
38 Glu Glu Leu Leu Ser Ser Gln Val Thr Gln Glu Leu Arg Ala Leu Met
39     50                  55                  60
40 Asp Glu Thr Met Lys Glu Leu Lys Ala Tyr Lys Ser Glu Leu Glu Glu
41 65                  70                  75                  80
42 Gln Leu Thr Pro Val Ala Glu Glu Thr Arg Ala Arg Leu Ser Lys Glu
43                 85                  90                  95
44 Leu Gln Ala Ala Gln Ala Arg Leu Gly Ala Asp Met Glu Asp Val Arg
45             100                 105                 110
46 Gly Arg Leu Val Gln Tyr Arg Gly Glu Val Gln Ala Met Leu Gly Gln
47         115                 120                 125
48 Ser Thr Glu Glu Leu Arg Val Arg Leu Ala Ser His Leu Arg Lys Leu
49     130                 135                 140
50 Arg Lys Arg Leu Leu Arg Asp Ala Asp Asp Leu Gln Lys Arg Leu Ala
51 145                 150                 155                 160
52 Val Tyr Gln Ala Gly Ala Arg Glu Gly Ala Glu Arg Gly Leu Ser Ala
53                 165                 170                 175
54 Ile Arg Glu Arg Leu Gly Pro Leu Val Glu Gln Gly Arg Val Arg Ala
55             180                 185                 190
56 Ala Thr Val Gly Ser Leu Ala Gly Gln Pro Leu Gln Glu Arg Ala Gln
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Input Set : **A:\07180.004003.SEQLIST.TXT**
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 58 Ala Trp Gly Glu Arg Leu Arg Ala Arg Met Glu Glu Met Gly Ser Arg
 59     210                 215                 220
 60 Thr Arg Asp Arg Leu Asp Glu Val Lys Glu Gln Val Ala Glu Val Arg
 61 225                 230                 235                 240
 62 Ala Lys Leu Glu Glu Gln Ala Gln Gln Ile Arg Leu Gln Ala Glu Ala
 63                 245                 250                 255
 64 Phe Gln Ala Arg Leu Lys Ser Trp Phe Glu Pro Leu Val Glu Asp Met
 65             260                 265                 270
 66 Gln Arg Gln Trp Ala Gly Leu Val Glu Lys Val Gln Ala Ala Val Gly
 67         275                 280                 285
 68 Thr Ser Ala Ala Pro Val Pro Ser Asp Asn His
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 73 <211> LENGTH: 299
 74 <212> TYPE: PRT
 75 <213> ORGANISM: Homo sapiens
 77 <400> SEQUENCE: 2
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 79  1               5                  10                  15
 80 Gln Thr Glu Trp Gln Ser Gly Gln Arg Trp Glu Leu Ala Leu Gly Arg
 81             20                  25                  30
 82 Phe Trp Asp Tyr Leu Arg Trp Val Gln Thr Leu Ser Glu Gln Val Gln
 83         35                  40                  45
 84 Glu Glu Leu Leu Ser Ser Gln Val Thr Gln Glu Leu Arg Ala Leu Met
 85     50                  55                  60
 86 Asp Glu Thr Met Lys Glu Leu Lys Ala Tyr Lys Ser Glu Leu Glu Glu
 87 65                  70                  75                  80
 88 Gln Leu Thr Pro Val Ala Glu Glu Thr Arg Ala Arg Leu Ser Lys Glu
 89                 85                  90                  95
 90 Leu Gln Ala Ala Gln Ala Arg Leu Gly Ala Asp Met Glu Asp Val Cys
 91             100                 105                 110
 92 Gly Arg Leu Val Gln Tyr Arg Gly Glu Val Gln Ala Met Leu Gly Gln
 93         115                 120                 125
 94 Ser Thr Glu Glu Leu Arg Val Arg Leu Ala Ser His Leu Arg Lys Leu
 95     130                 135                 140
 96 Arg Lys Arg Leu Leu Arg Asp Ala Asp Asp Leu Gln Lys Arg Leu Ala
 97 145                 150                 155                 160
 98 Val Tyr Gln Ala Gly Ala Arg Glu Gly Ala Glu Arg Gly Leu Ser Ala
 99                 165                 170                 175
100 Ile Arg Glu Arg Leu Gly Pro Leu Val Glu Gln Gly Arg Val Arg Ala
101             180                 185                 190
102 Ala Thr Val Gly Ser Leu Ala Gly Gln Pro Leu Gln Glu Arg Ala Gln
103         195                 200                 205
104 Ala Trp Gly Glu Arg Leu Arg Ala Arg Met Glu Glu Met Gly Ser Arg
105     210                 215                 220
106 Thr Arg Asp Arg Leu Asp Glu Val Lys Glu Gln Val Ala Glu Val Arg
107 225                 230                 235                 240
108 Ala Lys Leu Glu Glu Gln Ala Gln Gln Ile Arg Leu Gln Ala Glu Ala
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PATENT APPLICATION: **US/09/827,854A** TIME: 08:28:08

Input Set : **A:\07180.004003.SEQLIST.TXT**
Output Set: **N:\CRF4\06022003\I827854A.raw**

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109                 245                 250                 255
110 Phe Gln Ala Arg Leu Lys Ser Trp Phe Glu Pro Leu Val Glu Asp Met
111             260                 265                 270
112 Gln Arg Gln Trp Ala Gly Leu Val Glu Lys Val Gln Ala Ala Val Gly
113         275                 280                 285
114 Thr Ser Ala Ala Pro Val Pro Ser Asp Asn His
115     290                 295
118 <210> SEQ ID NO: 3
119 <211> LENGTH: 299
120 <212> TYPE: PRT
121 <213> ORGANISM: Homo sapiens
123 <400> SEQUENCE: 3
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125  1               5                  10                  15
126 Gln Thr Glu Trp Gln Ser Gly Gln Arg Trp Glu Leu Ala Leu Gly Arg
127             20                  25                  30
128 Phe Trp Asp Tyr Leu Arg Trp Val Gln Thr Leu Ser Glu Gln Val Gln
129         35                  40                  45
130 Glu Glu Leu Leu Ser Ser Gln Val Thr Gln Glu Leu Arg Ala Leu Met
131     50                  55                  60
132 Asp Glu Thr Met Lys Glu Leu Lys Ala Tyr Lys Ser Glu Leu Glu Glu
133 65                  70                  75                  80
134 Gln Leu Thr Pro Val Ala Glu Glu Thr Arg Ala Arg Leu Ser Lys Glu
135                 85                  90                  95
136 Leu Gln Ala Ala Gln Ala Arg Leu Gly Ala Asp Met Glu Asp Val Cys
137             100                 105                 110
138 Gly Arg Leu Val Gln Tyr Arg Gly Glu Val Gln Ala Met Leu Gly Gln
139         115                 120                 125
140 Ser Thr Glu Glu Leu Arg Val Arg Leu Ala Ser His Leu Arg Lys Leu
141     130                 135                 140
142 Arg Lys Arg Leu Leu Arg Asp Ala Asp Asp Leu Gln Lys Cys Leu Ala
143 145                 150                 155                 160
144 Val Tyr Gln Ala Gly Ala Arg Glu Gly Ala Glu Arg Gly Leu Ser Ala
145                 165                 170                 175
146 Ile Arg Glu Arg Leu Gly Pro Leu Val Glu Gln Gly Arg Val Arg Ala
147             180                 185                 190
148 Ala Thr Val Gly Ser Leu Ala Gly Gln Pro Leu Gln Glu Arg Ala Gln
149         195                 200                 205
150 Ala Trp Gly Glu Arg Leu Arg Ala Arg Met Glu Glu Met Gly Ser Arg
151     210                 215                 220
152 Thr Arg Asp Arg Leu Asp Glu Val Lys Glu Gln Val Ala Glu Val Arg
153 225                 230                 235                 240
154 Ala Lys Leu Glu Glu Gln Ala Gln Gln Ile Arg Leu Gln Ala Glu Ala
155                 245                 250                 255
156 Phe Gln Ala Arg Leu Lys Ser Trp Phe Glu Pro Leu Val Glu Asp Met
157             260                 265                 270
158 Gln Arg Gln Trp Ala Gly Leu Val Glu Lys Val Gln Ala Ala Val Gly
159         275                 280                 285
160 Thr Ser Ala Ala Pro Val Pro Ser Asp Asn His
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PATENT APPLICATION: **US/09/827,854A** TIME: 08:28:08

Input Set : **A:\07180.004003.SEQLIST.TXT**
Output Set: **N:\CRF4\06022003\I827854A.raw**

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165 <211> LENGTH: 299
166 <212> TYPE: PRT
167 <213> ORGANISM: Homo sapiens
169 <400> SEQUENCE: 4
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171  1               5                  10                  15
172 Gln Thr Glu Trp Gln Ser Gly Gln Arg Trp Glu Leu Ala Leu Gly Arg
173             20                  25                  30
174 Phe Trp Asp Tyr Leu Arg Trp Val Gln Thr Leu Ser Glu Gln Val Gln
175         35                  40                  45
176 Glu Glu Leu Leu Ser Ser Gln Val Thr Gln Glu Leu Arg Ala Leu Met
177     50                  55                  60
178 Asp Glu Thr Met Lys Glu Leu Lys Ala Tyr Lys Ser Glu Leu Glu Glu
179 65                  70                  75                  80
180 Gln Leu Thr Pro Val Ala Glu Glu Thr Arg Ala Arg Leu Ser Lys Glu
181                 85                  90                  95
182 Leu Gln Ala Ala Gln Ala Arg Leu Gly Ala Asp Met Glu Asp Val Cys
183             100                 105                 110
184 Gly Arg Leu Val Gln Tyr Arg Gly Glu Val Gln Ala Met Leu Asp Gln
185         115                 120                 125
186 Ser Thr Glu Glu Leu Arg Val Arg Leu Ala Ser His Leu Arg Lys Leu
187     130                 135                 140
188 Arg Lys Arg Leu Leu Arg Asp Ala Asp Asp Leu Gln Lys Cys Leu Ala
189 145                 150                 155                 160
190 Val Tyr Gln Ala Gly Ala Arg Glu Gly Ala Glu Arg Gly Leu Ser Ala
191                 165                 170                 175
192 Ile Arg Glu Arg Leu Gly Pro Leu Val Glu Gln Gly Arg Val Arg Ala
193             180                 185                 190
194 Ala Thr Val Gly Ser Leu Ala Gly Gln Pro Leu Gln Glu Arg Ala Gln
195         195                 200                 205
196 Ala Trp Gly Glu Arg Leu Arg Ala Arg Met Glu Glu Met Gly Ser Arg
197     210                 215                 220
198 Thr Arg Asp Arg Leu Asp Glu Val Lys Glu Gln Val Ala Glu Val Arg
199 225                 230                 235                 240
200 Ala Lys Leu Glu Glu Gln Ala Gln Gln Ile Arg Leu Gln Ala Glu Ala
201                 245                 250                 255
202 Phe Gln Ala Arg Leu Lys Ser Trp Phe Glu Pro Leu Val Glu Asp Met
203             260                 265                 270
204 Gln Arg Gln Trp Ala Gly Leu Val Glu Lys Val Gln Ala Ala Val Gly
205         275                 280                 285
206 Thr Ser Ala Ala Pro Val Pro Ser Asp Asn His
207     290                 295
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211 <211> LENGTH: 299
212 <212> TYPE: PRT
213 <213> ORGANISM: Homo sapiens
215 <400> SEQUENCE: 5
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RAW SEQUENCE LISTING DATE: 06/02/2003
PATENT APPLICATION: **US/09/827,854A** TIME: 08:28:08

Input Set : **A:\07180.004003.SEQLIST.TXT**
Output Set: **N:\CRF4\06022003\I827854A.raw**

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216 Lys Val Glu Gln Ala Val Glu Thr Glu Pro Glu Pro Glu Leu Arg Gln
217  1               5                  10                  15
218 Gln Thr Glu Trp Gln Ser Gly Gln Arg Trp Glu Leu Ala Leu Gly Arg
219             20                  25                  30
220 Phe Trp Asp Tyr Leu Arg Trp Val Gln Thr Leu Ser Glu Gln Val Gln
221         35                  40                  45
222 Glu Glu Leu Leu Ser Ser Gln Val Thr Gln Glu Leu Arg Ala Leu Met
223     50                  55                  60
224 Asp Glu Thr Met Lys Glu Leu Lys Ala Tyr Lys Ser Glu Leu Glu Glu
225 65                  70                  75                  80
226 Gln Leu Thr Pro Val Ala Glu Glu Thr Arg Ala Arg Leu Ser Lys Glu
227                 85                  90                  95
228 Leu Gln Ala Ala Gln Ala Arg Leu Gly Ala Asp Met Glu Asp Val Cys
229             100                 105                 110
230 Gly Arg Leu Val Gln Tyr Arg Gly Glu Val Gln Ala Met Leu Gly Gln
231         115                 120                 125
232 Ser Thr Glu Glu Leu Arg Val Arg Leu Ala Ser His Leu Arg Lys Leu
233     130                 135                 140
234 Cys Lys Arg Leu Leu Arg Asp Ala Asp Asp Leu Gln Lys Arg Leu Ala
235 145                 150                 155                 160
236 Val Tyr Gln Ala Gly Ala Arg Glu Gly Ala Glu Arg Gly Leu Ser Ala
237                 165                 170                 175
238 Ile Arg Glu Arg Leu Gly Pro Leu Val Glu Gln Gly Arg Val Arg Ala
239             180                 185                 190
240 Ala Thr Val Gly Ser Leu Ala Gly Gln Pro Leu Gln Glu Arg Ala Gln
241         195                 200                 205
242 Ala Trp Gly Glu Arg Leu Arg Ala Arg Met Glu Glu Met Gly Ser Arg
243     210                 215                 220
244 Thr Arg Asp Arg Leu Asp Glu Val Lys Glu Gln Val Ala Glu Val Arg
245 225                 230                 235                 240
246 Ala Lys Leu Glu Glu Gln Ala Gln Gln Ile Arg Leu Gln Ala Glu Ala
247                 245                 250                 255
248 Phe Gln Ala Arg Leu Lys Ser Trp Phe Glu Pro Leu Val Glu Asp Met
249             260                 265                 270
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251         275                 280                 285
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259 <213> ORGANISM: Homo sapiens
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265             20                  25                  30
266 Phe Trp Asp Tyr Leu Arg Trp Val Gln Thr Leu Ser Glu Gln Val Gln
267         35                  40                  45
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VERIFICATION SUMMARY DATE: 06/02/2003
PATENT APPLICATION: **US/09/827,854A** TIME: 08:28:09

Input Set : **A:\07180.004003.SEQLIST.TXT**
Output Set: **N:\CRF4\06022003\I827854A.raw**